

# Converting Colors

`RYB(125, 255, 134)`

Have a look what the booklet for  
RYB(125, 255, 134) contains.

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# Color

**R<sub>Y</sub>B(125, 255, 134)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6FF7D
RGB	246, 255, 125
RGB Percent	96%, 100%, 49%
CMY	0.0353, 0.0000, 0.5098
CMYK	0.04, 0.00, 0.51, 0.00
HSL	64°, 100%, 75%
HSV	64°, 51%, 100%
XYZ	77.4677, 92.5935, 33.1914
YIQ	237.4890, 36.3660, -42.3380

# Conversions

## Conversions Part 2

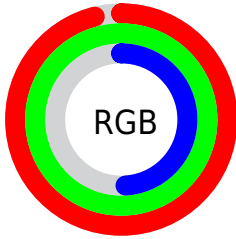
Format	Color
<a href="#">RYB</a>	<a href="#">125, 255, 134</a>
Decimal	<a href="#">16187261</a>
CIELab	<a href="#">97.06, -20.29, 60.33</a>
CIELCh	<a href="#">97, 63.653, 108.585</a>
Yxy	<a href="#">92.5935, 0.3811, 0.4556</a>
Android (android.graphics.Color)	<a href="#">4294377341 (0xFFFF6FF7D)</a>
YUV	<a href="#">237.4890, -55.4571, 7.4641</a>
Hunter-Lab	<a href="#">96.2255, -24.6907, 46.9068</a>

# Details

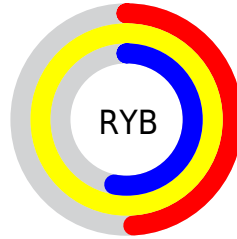
The RYB color **125, 255, 134** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **134, 125, 255**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is **181, 255, 181**, and **71, 198, 82** is the 20% darker color. If you saturate the color by 10%, you get **100, 255, 111**, and if you desaturate by 10%, it is **151, 255, 158**.

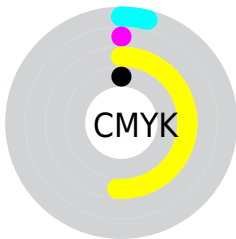
# Distribution



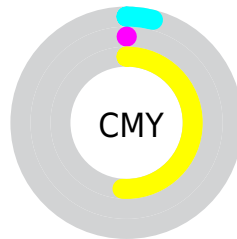
- Red (96%)
- Green (100%)
- Blue (49%)



- Red (49%)
- Yellow (100%)
- Blue (53%)



- Cyan (4%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 125, 255, 134 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 125, 255, 134 by changing the saturation by 10% instead.



 125, 255, 134

255, 255, 255


 181, 255, 181


 209, 255, 209


 238, 255, 238


 125, 255, 134


 98, 226, 108

 71, 198, 82

 42, 171, 54

 2, 145, 16

 0, 119, 15

 0, 94, 17

 0, 71, 20

 0, 48, 24

 0, 29, 29

■ 125, 255, 134

■ 125, 255, 134

■ 100, 255, 111

■ 151, 255, 158

■ 74, 255, 87

■ 176, 255, 181

■ 49, 255, 63

■ 202, 255, 206

■ 23, 255, 39

■ 227, 255, 229

■ 0, 255, 18

253, 255, 253

255, 255, 255

# Harmonies

## Analogous

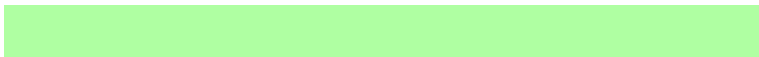
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



147, 255, 123



125, 255, 134



162, 255, 242

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



125, 255, 134



0, 128, 255



255, 198, 255

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



125, 255, 134



134, 125, 255

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 216, 255



125, 255, 134



67, 161, 255

# Square

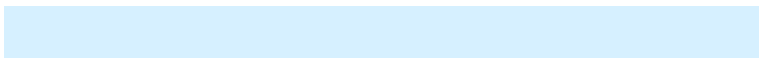
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



125, 255, 134



0, 128, 255



214, 230, 255



255, 197, 210

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



125, 255, 134



113, 201, 255



214, 230, 255



255, 202, 255



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



125, 255, 134



217, 255, 220



255, 135, 125



105, 128, 107



0, 0, 0



128, 128, 128



# Same Dimension

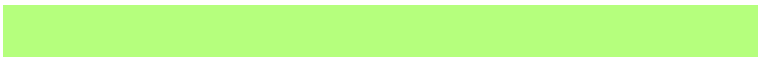
The Same Dimension uses a secret algorithm to generate beautiful new colors.



125, 255, 134



99, 255, 110



125, 255, 199



115, 128, 116



0, 191, 13



0, 64, 5



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



134, 125, 255



110, 99, 255



199, 125, 255



116, 115, 128



13, 0, 191

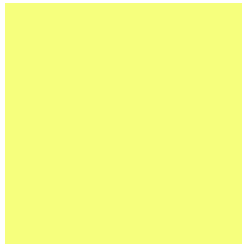


4, 0, 64



# Previews

## White Background



This preview shows how the RYB color 125, 255, 134 looks on a white background.

## Color Contrast Check

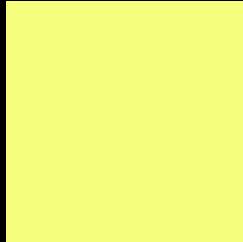
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RYB color 125, 255, 134 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

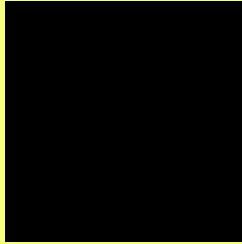
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## **RYB 125, 255, 134 Background**



This preview shows how black text looks on a background with the RYB color 125, 255, 134.

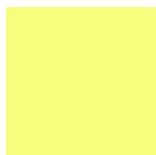


This preview shows how white text looks on a background with the RYB color 125, 255, 134.

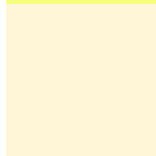
# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

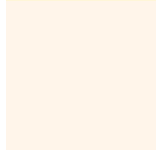
## Dichromacy



**Original Color**  
125, 255, 134



**Protanopia**  
228, 255, 216



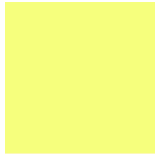
**Deuteranopia**  
253, 255, 234



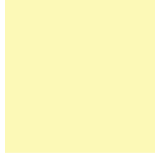
# Tritanopia

255, 243, 254

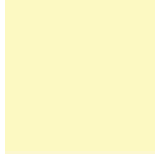
# Trichromacy



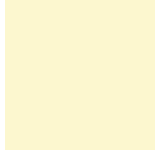
**Original Color**  
125, 255, 134



**Protanomaly**  
186, 252, 183

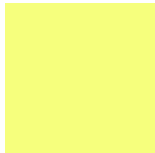


**Deuteranomaly**  
197, 252, 194

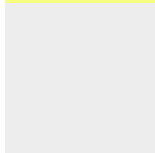


**Tritanomaly**  
213, 252, 207

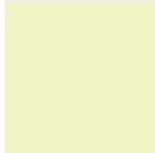
# Monochromacy



**Original Color**  
125, 255, 134



**Achromatopsia**  
237, 237, 237



**Achromatomaly**  
196, 244, 200

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 125, 255, 134 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(246, 255, 125)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 125)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(246, 255, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 125) }
```

## Border

The CSS property to change the border of an element to RYB 125, 255, 134 is called "border". The border property can be set on classes, ids or directly on the HTML element.

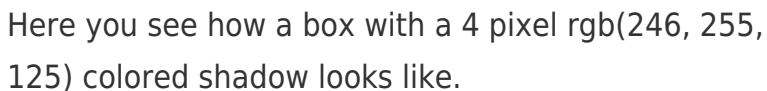
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(246, 255, 125) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(246, 255, 125) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(246, 255, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 255, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 255, 125); box-shadow:4px 4px 4px 4px rgb(246, 255, 125) }
```

# Background

The CSS property to change the background color of an element to RYB 125, 255, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 125) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(246,  
255, 125) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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